Amendments to the Claims

This listing of claims will replace all prior version, and listings, of claims in the application.

- 1. (Currently Amended) A method <u>for enabling pre-downloads of network objects by</u> a web client, comprising steps of: <u>including</u>
 - receiving a request <u>including a variable</u> for a <u>network object</u> web page, said request including at least one variable;
 - normalizing the said request by removing the variable and replacing the variable with a placeholder value;
 - determining a prediction of a future <u>network object likely to be requested by the</u>

 <u>web client in the form of a hint web page in response to a result of said</u>

 normalizing; and
 - de-normalizing the hint by substituting in the variable removed from the request into a URL for the hint-said prediction.
- (Currently Amended) <u>The</u> [A] method <u>of</u> as in claim 1 <u>further comprising a step of</u> attaching the hint URL to the requested network object to form a response, including identifying said variable.
- (Currently Amended) <u>The</u> [A] method <u>of</u> as in claim 2 <u>further comprising a step of</u> sending the response over a communication network to the web client, including generating a form of said request having a replacement for said variable.
- 4. (Currently Amended) The [A] method of as in claim 1 wherein the determining step comprises accessing a Web-site graph, including referring to a data structure including at least one normalized request.

- 5. (Currently Amended) The [A] method of as in claim 4 further comprising a step of updating the Web-site graph with predictive statistics regarding network objects, wherein said referring to includes receiving a prediction of said future web page in response to said data structure and said result of said normalizing.
- 6. (original) The [A] method of as in claim 1 further comprising a step of, including serving the hint URL to the at least a portion of said future web page to a client associated with the said request.
- 7. (Currently Amended) The [A] method of as in claim 1[6,] wherein the network object comprises one of: said portion includes an embedded object associated with a said future web page and a web page.
- 8. (Currently Amended) A system <u>for enabling pre-downloads of network objects by a web client, comprising including:</u>
 - <u>a URL identification element that receives</u> means for receiving a request <u>including a variable</u> for a <u>network object</u> web page, said request including at least one variable;
 - a normalization element configured to normalize the means for normalizing said request by removing the variable and replacing the variable with a placeholder value;
 - a prediction element configured to determine means for determining a prediction of a future network object likely to be requested by the web client in the form of a hint web page in response to a result of said normalizing; and
 - a de-normalization element configured to de-normalize the hint by substituting in the variable removed from the request into a URL for the hint means for de-normalizing said prediction.

- 9. (Currently Amended) The [A] system of [as in] claim 8 further comprising a hint attachment element configured to attach the hint URL to the requested network object to form a response, including means for identifying said variable.
- 10. (Currently Amended) The [A] system of [as in] claim 9 wherein the hint attachment element is configured to send the response over a communication network to the web client, including means for generating a form of said request having a replacement for said variable.
- 11. (Currently Amended) <u>The</u> [A] system <u>of</u> [as in] claim 8 <u>wherein the prediction</u> <u>element is configured to access a Web-site graph, including means for referring to a data structure</u> including at least one normalized request.
- 12. (Currently Amended) The [A] system of [as in] claim 11 further comprising a predictive statistics server configured to update the Web-site graph with predictive statistics regarding network objects, wherein said means for referring to includes means for receiving a prediction of said future web page in response to said data structure and said result of said normalizing.
- 13. (Currently Amended) The [A] system of [as in] claim 8 further comprising a web server configured to serve the hint URL to the , including means for serving at least a portion of said future web page to a client associated with the said request.
- 14. (Currently Amended) <u>The [A] system of [as in] claim 8 [13,] wherein the network object comprises one of: said portion includes an embedded object associated with a said future web page and a web page.</u>

- 15. (Currently Amended) A memory storing information including instructions, said instructions interpretable by a processor for application to a request for a network object to enable pre-downloads of network objects, the web page, said request including a at least one variable datum, the instructions comprising including:

 normalizing the said request by removing the variable and replacing the variable with a placeholder value;
 - determining a prediction of a future <u>network object likely to be requested in the</u>

 <u>form of a hint web page in response to a result of said normalizing;</u> and

 de-normalizing <u>the hint by substituting in the variable removed from the request</u>

 into a URL for the hint-said prediction.
- 16. (Currently Amended) The [A] memory of as in claim 15[,] wherein the instructions further comprise attaching the hint URL to the requested network object to form a response said memory includes at least one of: an electromagnetic storage medium, a mass storage medium, an optical storage medium, a random access memory, a read only memory, a removable storage medium.
- 17. (Currently Amended) The [A] memory of claim 15 further storing information including a web-site graph data structure, said data structure interpretable by a processor for application to a request for the network object, the Web-site graph comprising a web page, said request including at least one variable datum, the data structure including: a directed graph of nodes indicators, each node said indicator referring to a network object set of web pages, at least one said indicator including a normalized request.
- 18. (Currently Amended) The [A] memory of as in claim 17[,] wherein the Web-site graph said data structure includes a predictive statistic associated with at least one node that has edge in said directed graph, said statistic having predictive value regarding future network objects web pages to be requested.

19. (Currently Amended) The [A] memory of as in claim 15 [17,] wherein the instructions further comprise serving the hint URL to a web client associated with the request said memory includes at least one of: an electromagnetic storage medium, a mass storage medium, an optical storage medium, a random access memory, a read only memory, a removable storage medium.